

Untitled2

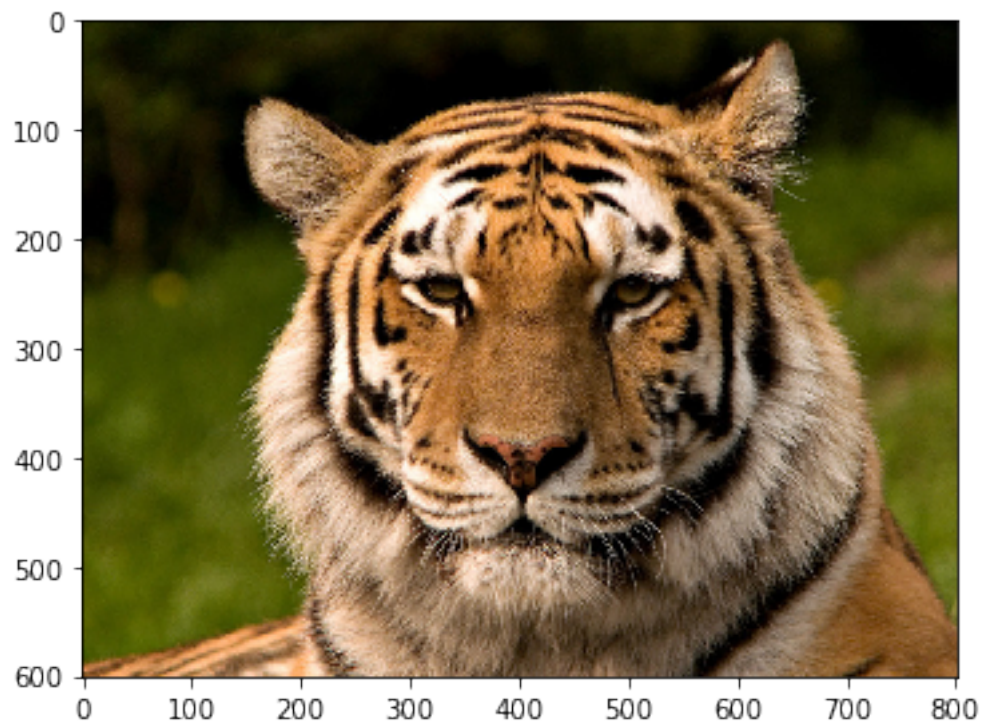
March 6, 2020

```
[2]: %matplotlib inline
      from skimage.io import imread, imsave, imshow
      from numpy import clip
```

```
[6]: img = imread("tiger-color.png")
```

```
[7]: imshow(img)
```

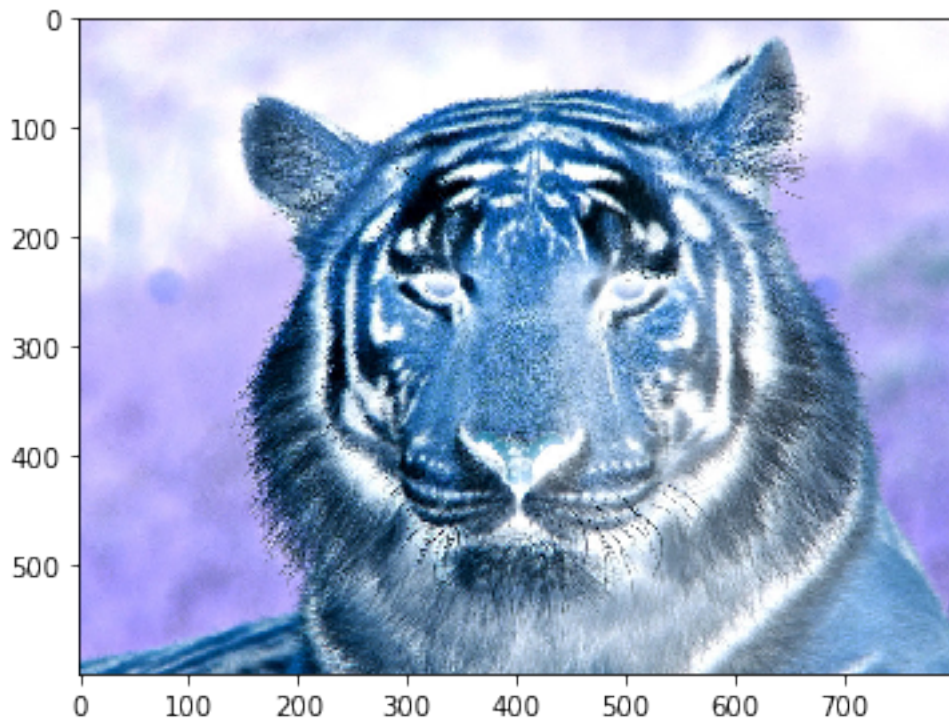
```
[7]: <matplotlib.image.AxesImage at 0xd39d30>
```



```
[8]: img_n = imread("tiger-negative.png")
```

```
[10]: imshow(img_n)
```

```
[10]: <matplotlib.image.AxesImage at 0x10055e0>
```



```
[11]: img[0,0], img_n[0,0]
```

```
[11]: (array([41, 46,  6], dtype=uint8), array([214, 209, 249], dtype=uint8))
```

```
[13]: img.max() - img
```

```
[13]: array([[214, 209, 249],
          [223, 218, 255],
          [223, 219, 255],
          ...,
          [253, 253, 255],
          [252, 253, 255],
          [253, 254, 255]],

          [[219, 214, 254],
          [218, 213, 253],
          [215, 211, 248],
          ...,
          [253, 253, 255],
          [253, 253, 255],
          [253, 254, 255]],
```

```

[[219, 214, 255],
 [221, 216, 255],
 [226, 222, 255],
 ...,
 [253, 253, 255],
 [253, 253, 255],
 [254, 254, 255]],

...,

[[100, 153, 195],
 [117, 166, 209],
 [116, 160, 207],
 ...,
 [ 84, 137, 189],
 [ 92, 145, 197],
 [105, 158, 210]],

[[117, 168, 213],
 [113, 164, 211],
 [113, 165, 213],
 ...,
 [101, 154, 204],
 [ 98, 151, 203],
 [ 92, 145, 197]],

[[116, 166, 215],
 [108, 160, 210],
 [108, 166, 216],
 ...,
 [ 95, 148, 198],
 [ 92, 145, 195],
 [ 94, 147, 199]]], dtype=uint8)

```

[]: